

Remarks:

This amendment is submitted in an earnest effort to advance this case to issue without delay.

The specification has been amended to eliminate some minor obvious errors. Reference numerals 29 and 32 shown in FIG. 1 are now referred to in the Specification. No new matter whatsoever has been added. This amendment obviates any need to amend the drawing.

Main claim 8 has been amended to strip from it the subject matter objected to under §112. In addition all the subject matter of now canceled claims 11 and 13 has been added to claim 8.

The instant invention describes a structure that is extremely simple and effective, and that also allows for very accurate adjustment of the tool holder and very solid locking-in of any set position. Finally the structure of this invention can be manufactured at very low cost.

More particularly the complementary cylindrical shapes of the wedge 18 and groove 17 provide several significant advantages. First of all the large engaging surface areas ensure that the wedge will slide smoothly but always perfectly on center in its groove. Furthermore the groove 17 can be formed by a simple cylindrical bore, and the wedge can be machined from a simple cylindrical rod.

Complex milling of multiple faces, as required in US '125 of Lundgren, is eliminated. Furthermore the clamping of the cartridge in the seat in a direction perpendicular to its radial adjustment direction is particularly effective and very simple, much more so than the complex clamping arrangement shown in Lundgren.

Another considerable advantage of the cylindrical seat of the instant invention is that as shown in the drawing, it captures the rod-like wedge. This therefore completely eliminates the need for supplemental structures, like the screw 41 (FIG. 3) of Lundgren, that hold the wedge in its groove. When a simple square-section groove such as that of Lundgren is used, it is necessary to provide additional structure to hold in the wedge, thereby making the structure more complex and, hence, expensive. What is more, adjusting the screw 41 so that, on the one hand, it allows the wedge to slide while, on the other hand, it is not so loose as to allow this part to rattle, is very complicated and requires regular attention from and adjustment by the person maintaining the system.

Since, as mentioned above, Lundgren suggests nowhere the use of complementary cylindrical structures providing the advantages described above and avoiding the problems also described above, the claims distinguish over this reference under §102. Since nothing in Lundgren, or in any of the other references, suggests such exploitation of a cylindrical shape to simplify the structure and use of the tool holder, a §103 rejection is also out of the question.

For these reasons all the claims in the case are in condition for allowance. Notice to that effect is earnestly solicited.

If only minor problems that could be corrected by means of a telephone conference stand in the way of allowance of this case, the examiner is invited to call the undersigned to make the necessary corrections.

Respectfully submitted,  
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Enclosure: None.